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LUD 5664 (10017134)

- Claim 22: A method for stimulating expression of STAT 3 transcription factor, comprising contacting a cell capable of said expression with an amount of an IL-TIF/IL-21 sufficient to stimulate said expression.
- Claim 23: The method of claim 22, wherein said IL-TIF/IL-21 is mammalian IL-TIF/IL-21.
- Claim 24: The method of claim 23, wherein said mammalian IL-TIF/IL-21 is human IL-TIF/IL-21.
- Claim 25: The method of claim 24, wherein said human IL-TIF/IL-21 is encoded by SEQ ID NO: 25 or 26.
- Claim 26: The method of claim 22, wherein said cell is a human cell.
- Claim 27: The method of claim 22, further comprising inducing production of an acute phase protein, production of which is regulated by STAT 3 transcription factor.
- Claim 28: The method of claim 26, wherein said cell is a liver cell.
- Claim 29: The method of claim 27, wherein said acute phase protein is human serum amyloid A,  $\alpha 1$  chymotrypsin, or haptoglobin.
- Claim 30: The method of claim 24, wherein said human IL-TIF/IL-21 also stimulates expression of STAT 1 transcription factor.
- Claim 31: The method of claim 24, wherein said mammalian IL-TIF/IL-21 is murine IL-TIF/IL-21.
- Claim 32: The method of claim 31, wherein said murine IL-TIF/IL-21 also stimulates expression of STAT 5 transcription factor.